





FETCH/DECODE UNIT REDROSK BUPFER 206 502 PESERVATION STATION 1, 514 1 lluit. 5/5 513 1/25/1 512 MEMORY FLOATING FLOATING INTEGER INTEGER POINT POINT INTERFACE EXECUTION EXECUTION BYECUTTON BLECTION GRECUTTON UNIT UNIT UNIT UNIT UNIT DISPATCH/EXECUTE UNIT 212 DATA CACHE F14.5

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600	CONDITION RESOLVED FOR CONDITIONAL MICRO-OPERATION
	- VYB9 ~604
	DISPATCH CONDITIONAL MICRO-OPERATION TO APPROPRIATE EXECUTION UNIT
	2606
-	PERFORM OPERATION DESIGNATED BY CONDITIONAL MICRO-OPERATION TO PRODUCE FIRST RESULT
	608
PERFORI	M EXECUTION BYPASS OPERATION TO PRODUCE SECOND RESULT
	N 610
	OUTPUT FIRST RESULT OR SECOND RESULT BASED ON HOW CONDITION WAS RESOLVED

RELISTER



## DISPATCH CONDITIONAL MICRO-OPERATION TO APPROPRIATE EXECUTION UNIT

PERFORM OPERATION DESIGNATED BY CONDITIONAL MICRO-OPERATION TO PRODUCE FIRST RESULT

PERFORM EXECUTION BYPASS OPERATION TO PRODUCE SECOND RESULT

ASSOCIATE CONDITION FOR CONDITIONAL MICRO-OPERATION WITH BOTH FIRST AND SECOND RESULT

OUTPUT BOTH FIRST AND SECOND RESULT WITH ASSOCIATED CONDITION

DISPATCH MICRO-OPERATION DEPENDENT ON CONDITIONAL MICRO-OPERATION TO APPROPRIATE EXECUTION UNIT

PERFORM OPERATION DESIGNATED BY DEPENDENT MICRO-OPERATION USING FIRST RESULT OF CONDITIONAL MICRO-OPERATION TO PRODUCE THIRD RESULT

PERFORM OPERATION DESIGNATED BY DEPENDENT MICRO-OPERATION USING SECOND RESULT OF CONDITIONAL MICRO-OPERATION TO PRODUCE FOURTH RESULT

2908

ASSOCIATE CONDITION FOR CONDITIONAL MICRO-OPERATION WITH BOTH THIRD AND FOURTH RESULT

OUTPUT BOTH THIRD AND FOURTH RESULT WITH ASSOCIATED CONDITION

REGISTER! REHSTER RESULT RESULT